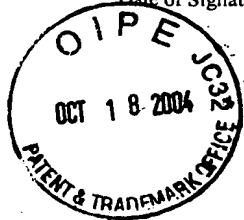


I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, P o Box 1450, Alexandria, VA 22313-1450.

Date of Signature and Deposit: October 13, 2004



Nicholas J. Scay

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Yuping Ambuel
Thomas R. Van Oosbree
Mark R. McCormick
Robert M. Mierendorf

Date: October 13, 2004

Serial No.: 09/848,449

Group Art Unit: 1651

Filed: 05/03/2001

Examiner: Herbert J. Lilling

For: IMPROVED E. COLI EXTRACT
FOR PROTEIN SYNTHESIS

File No.: 700399.90126

RESPONSE

Commissioner For Patents
P O Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed May 13, 2004, in the file of the above-identified application, please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.